Stakeholders
Feedback-2020-21

Students

Teachers

Parents

Alumni

Employers
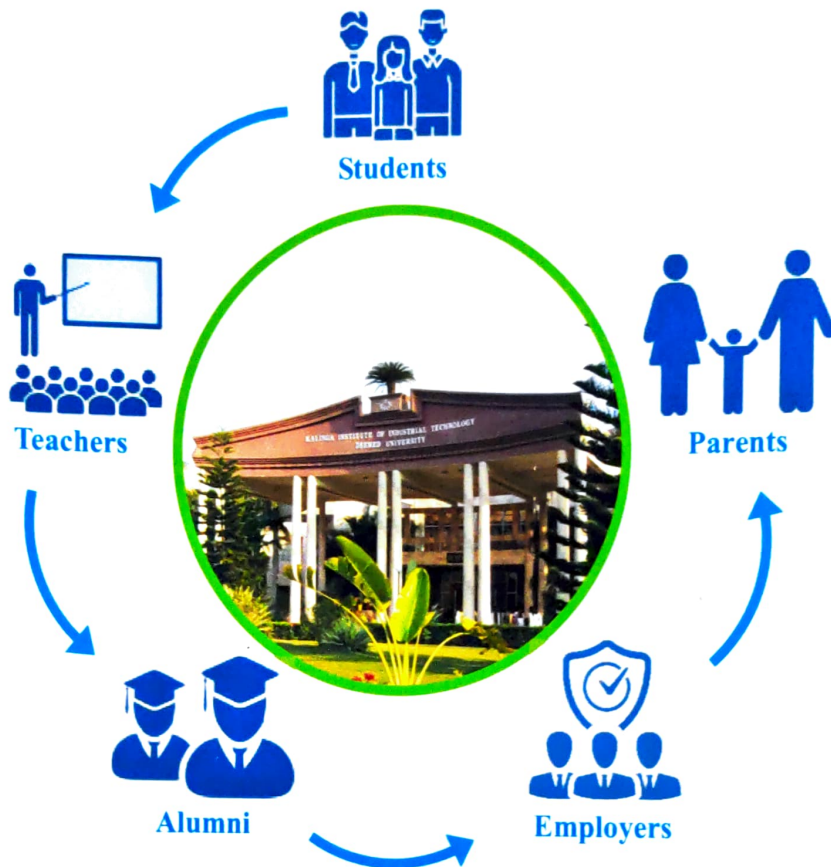
Kalinga Institute of Industrial Technology
(Deemed to be University u/s 3 of UGC Act 1956)
(Institute of Eminence)
(NAAC Accredited A Grade)
Bhubaneswar, Odisha

Feedback from Stakeholders

2020-21

Internal Quality Assurance Cell

(IQAC)

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)
Deemed to be University U/S 3 of the UGC Act, 1956
Bhubaneswar, India

05/07/2021

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05/07/21

FEEDBACK PROCESS

A. Feedback Collection:

To get an overall idea on curriculum and other relevant aspects, the University has established feedback system through the close ended structured questionnaire via Google Form /SAP Portal. Feedback are collected from Stake holders which include Students, Faculty members, Alumni, Employers and Parents. Feedback is collected from the Students twice in a year through SAP on course content and course outcome, Course teacher and institutional facilities. Feedbacks are collected from the faculty members on design and outcome of the course they are teaching. Feedback from Recruiters, Alumni and Parents are taken once in year on curriculum development and overall improvement of Teaching Learning process. The Feedback is collected through a questionnaire in a scale of 5. The quantitative analysis is done on the basis of the score while the qualitative analysis is done on major opinions and suggestions given by different Stakeholders. The feedback on curriculum includes the course content and its depth, coverage, applicability, learning value, clarity and relevance.

B. Feedback Analysis:

The data collected by the IQAC was sorted and consolidated for drafting the analysis report. The data entered in the selected format was then converted into chart form and decoded for the proper comprehension of the matter. The analysis is done year wise as well as parameter wise. The aspects pointed out by all the stakeholders are considered with special care and attention. The teachers discussed and evaluated the suggestions received from different spheres regarding the curriculum. The suggestions were consolidated to communicate to the teachers who are members of various Boards of Studies and Syllabus Revision Committees, and those who participated in the Syllabus Revision Workshops conducted by the University. Proper suggestions were formulated to be communicated to ensure the proper redressal of the grievances.

Response in a Scale of 5

1	Strongly disagree
2	Disagree
3	Uncertain
4	Agree
5	Strongly agree

STUDENTS FEEDBACK

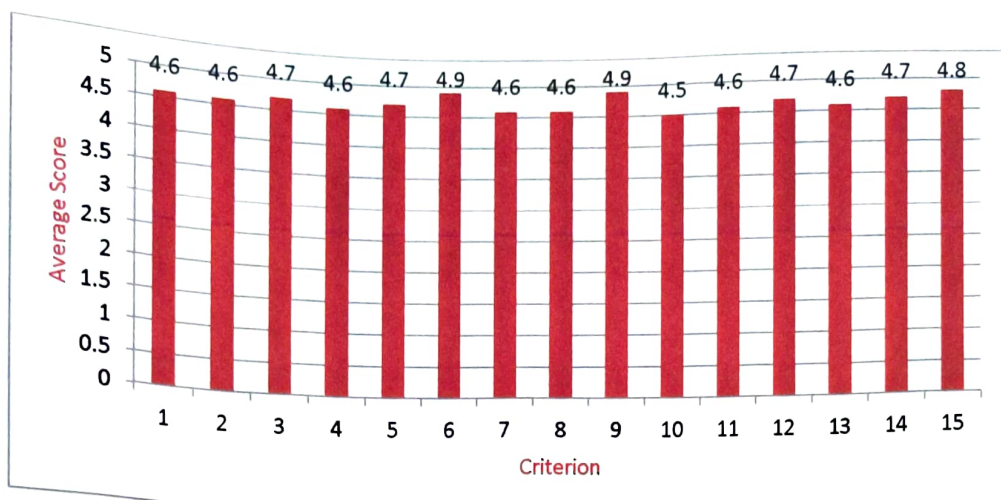## Feedback analysis of Student's Responses Frequency per Year- 2

The students were asked to provide their feedbacks in terms of rating against different criteria associated with course content and outcomes, teaching and learning process as well as institutional facilities. The different criteria points associated in this regard are mentioned in the table below. The questions asked to the Students are provided in the appendix1.

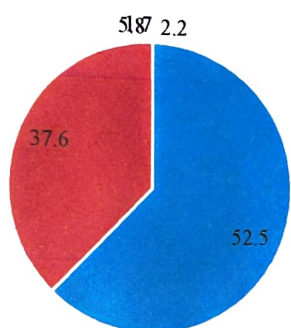### Table I Criteria points and average scores (Students)

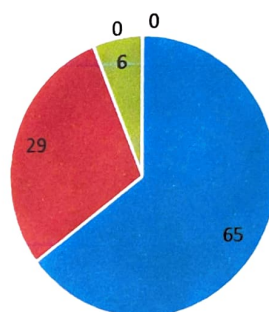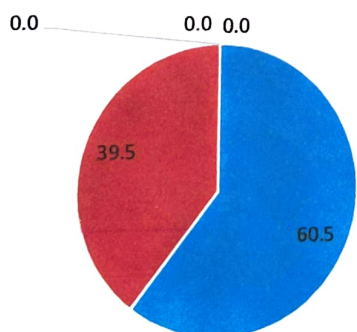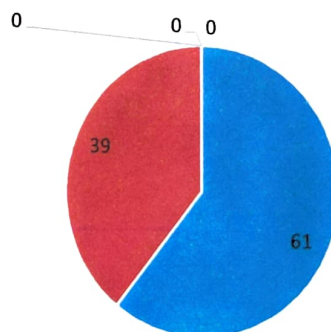| SlNo	Criterion	Average Score (Scale of 5)
	Feedback on Curriculum	
1.	The course content provides sufficient knowledge and skills about the course.	4.6
2	The course is well structured, interesting, relevant and up to date.	4.6
3	The units/sections in the syllabus are properly sequenced.	4.7
4	The course content is adequate in relation to the expected Course Outcomes (COs).	4.6
5	The allocation of the credits to the course is appropriate in relation to the level of course contents.	4.7
6	The course is useful in terms of knowledge, concept, vocational skill, analytical ability and broadening prospective	4.9
7	The pre-requisite learning is adequate for this course	4.6
8	The course is relevant to the specialization streams and to the technological advancements	4.6
9	Relevance of additional source material (Library and e-learning)	4.9
10	Ability to relate the theory with practice *via* Experiential Learning	4.5
	Feedback on Teaching - Learning Process	
11	Delivery of course content in organized manner as per lesson plan with case studies/ demo models and completion of course on time by course faculty.	4.6
12	Classes are interesting, interactive, participatory *via* activity based/ outcome based learning	4.7
13	Course faculty is knowledgeable, honest, sincere, cordial, enthusiastic, energetic and approachable.	4.6
14	Transparency towards evaluation of answer scripts/ assignments by course faculty	4.7
15	Encouragement for self learning/self studies by course faculty	4.8

Average Score vs Criterion bar chart

Criterion values: 4.6, 4.6, 4.7, 4.6, 4.7, 4.9, 4.6, 4.6, 4.9, 4.5, 4.6, 4.7, 4.6, 4.7, 4.8

Q1.The course content provides sufficient knowledge and skills about the course

5.87 2.2
37.6
52.5

- 1
- 2
- 3
- 4
- 5

Q2.The course is well structured, interesting, relevant and up to date

0 0
6
29
65

- 1
- 2
- 3
- 4
- 5

Q3.The units/sections in the syllabus are properly sequenced

0.0 0.0 0.0
39.5
60.5

- 1
- 2
- 3
- 4
- 5

Q4.The course content is adequate in relation to the expected Course Outcomes (COs).

0 0 0
39
61

- 1
- 2
- 3
- 4
- 5

3

Q5. The allocation of the credits to the course is appropriate in relation to the level of course contents
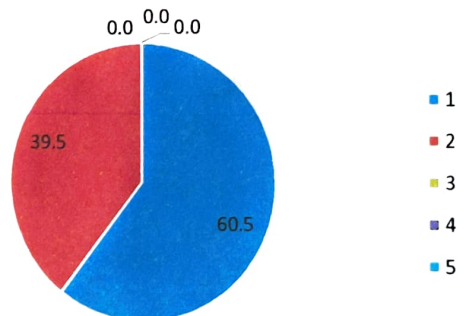
0.0

0.0 0.0

40.1

59.9

- 1
- 2
- 3
- 4
- 5

Q6. The course is useful in terms of knowledge, concept, vocational skill, analytical ability and broadening prospective
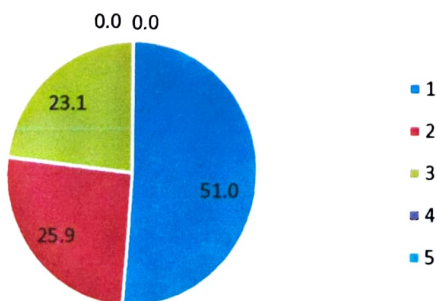
0.2 0.2

4.5

94.8

- 1
- 2
- 3
- 4
- 5

Q7. The pre-requisite learning is adequate for this course

0.0 0.0

7.1

40.6

52.2

- 1
- 2
- 3
- 4
- 5

Q8. The course is relevant to the specialization streams and to the technological advancements

0.0 0.0 0.0

39.5

60.5

- 1
- 2
- 3
- 4
- 5

Q9. Relevance of additional source material (Library and e-learning)

0.0 0.0

23.1

25.9

51.0

- 1
- 2
- 3
- 4
- 5

Q10. Ability to relate the theory with practice via Experiential Learning

0.0 0.0

6.2

39.4

54.4

- 1
- 2
- 3
- 4
- 5

4

TEACHERS FEEDBACK

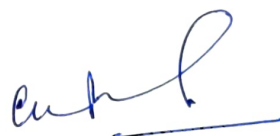## Feedback analysis of Teachers Responses

Frequency per Year- 1

The faculty members have been asked to provide their feedback in terms of rating and suggestion against different criteria mentioned in table II provided below. The questions asked in this regard are provided as Appendix 2.

Table II: Criteria points and average score (Teachers)

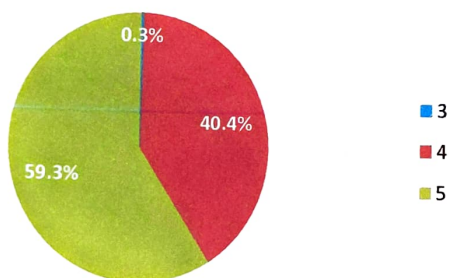| Sl No	Criterion	Average Score (Scale of 5)
1.	Students' satisfaction for the contents of the existing course	4.5
2.	The Curriculum is well designed relevant to applications and scope	4.6
3.	The Course outcomes are well defined	4.5
4.	The Curriculum provides opportunity for conducting research and project related activities	4.7
5.	The Curriculum is balanced with regard to theoretical and practical knowledge	4.5
6.	The Curriculum recommends relevant text and reference books	4.8
7.	The Course is innovative and periodically updated	4.8
8.	The Curriculum reflects to build technical knowledge and skills as per the desire of the industries/society	4.5
9.	The Curriculum demands international and national importance	4.6
10.	Participation of the students during course delivery in the class	4.8

5
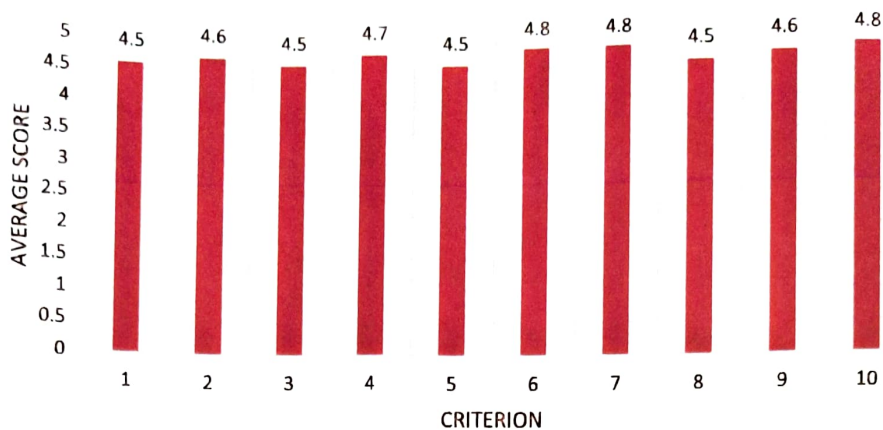
Feedback on Curriculum Development (5 Point Scale)

### CRITERION 1. STUDENTS SATISFICATION FOR THE CONTENTS OF THE EXISTING COURSE

- 0.3%
- 40.4%
- 59.3%
- 3
- 4
- 5

Creiterion 2 . The curriculum is well designed relevant to applications and scope

- 10.9%
- 8.2%
- 80.9%
- 3
- 4
- 5
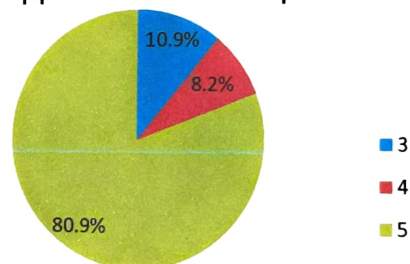
Criterion 3 . The course outcomes are well defined

- 1.6%
- 37.6%
- 60.8%
- 3
- 4
- 5
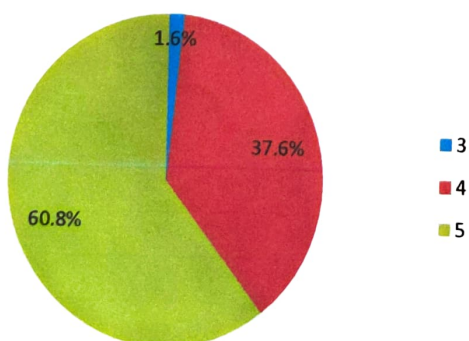
Criterion 4 . The curriculum provides opportunity for conducting research and project related activities

- 3.6%
- 17.4%
- 79%
- 3
- 4
- 5

6
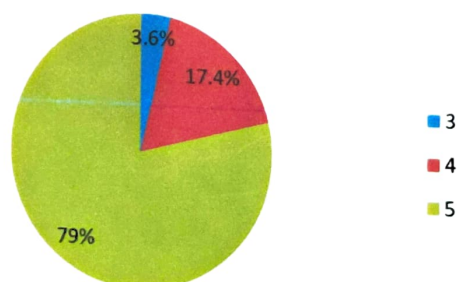
Criterion 5 . The curriculum is balanced with regard to theoretical and partical knowledge

- 2.2%
- 39%
- 58.8%

Legend: ■ 3 ■ 4 ■ 5
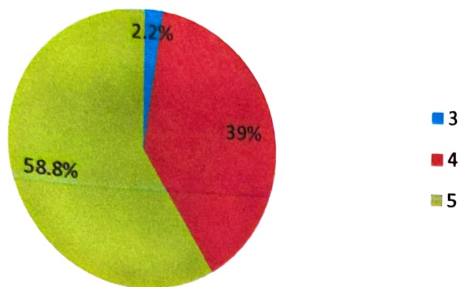
Criterion 6.The curriculum recommends relevant text and reference books

- 3.6%
- 12%
- 84.4%

Legend: ■ 3 ■ 4 ■ 5
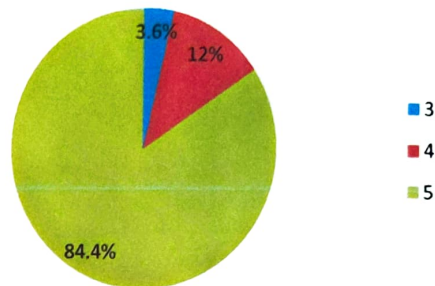
Criterion 7.The course is innovative and periodically updated

- 3%
- 12%
- 85%

Legend: ■ 3 ■ 4 ■ 5
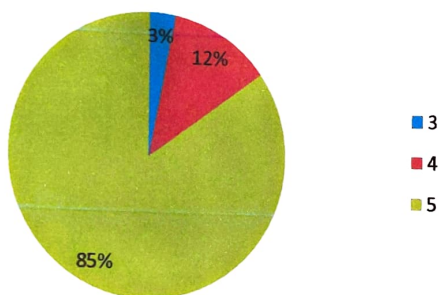
Criterion 8.The curriculum reflects to build technical knowledge and skills as per the desire of the industries/society

- 1.7%
- 40.9%
- 57.4%

Legend: ■ 3 ■ 4 ■ 5
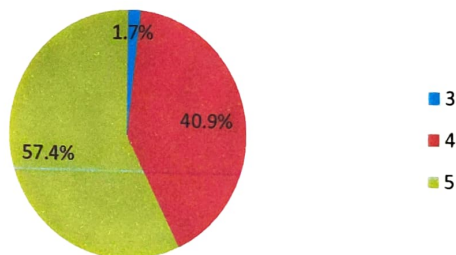
Criterion 9.The curriculum demands internatinal and national importance

- 6.1%
- 19.3%
- 74.7%

Legend: ■ 3 ■ 4 ■ 5
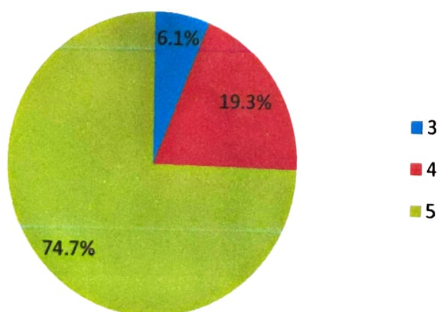
Criterion 10.Participation of the student during course delivery in the class

- 3.9%
- 10.7%
- 85.4%

Legend: ■ 3 ■ 4 ■ 5
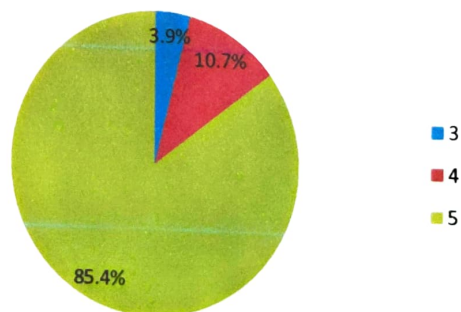
ALUMNI FEEDBACK

Feedback analysis of Alumni Responses

Frequency per Year- 1

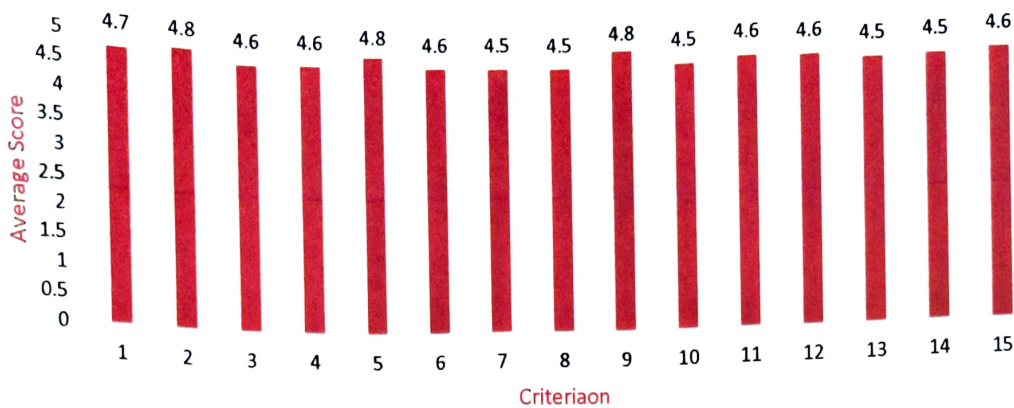Alumni feedbacks were collected in terms of ratings and suggestions against different criteria as mention in table III. The questions provided to the alumni are provided in appendix 3

Table III: Criteria points and average score (Alumni)

Sl No	Criterion	Average Score (Scale of 5)
1	Course content and outcome	4.7
2	Faculty	4.8
3	Laboratory & equipments	4.6
4	Project guidance	4.6
5	Opportunity to Learn / Innovate	4.8
6	Evaluation System	4.6
7	Library facilities	4.5
8	Hostel facilities	4.5
9	Healthcare facilities	4.8
10	Sports & other Recreational facilities	4.5
11	Additional facilities Bank, Transport, Canteen etc.)	4.6
12	Training & Placement	4.6
13	Student – mentoring System	4.5
14	Grievance redressal	4.5
15	Attitude of University employees	4.6

Average Score / Criteriaon

Bar chart values: 4.7, 4.8, 4.6, 4.6, 4.8, 4.6, 4.5, 4.5, 4.8, 4.5, 4.6, 4.6, 4.5, 4.5, 4.6

Feedback on Curriculum Development (5 Point Scale)

Citerion 1: course content and outcome

- 3%
- 20%
- 77%

Legend: 3, 4, 5

Citerion 2.Faculty

- 1.6%
- 14.7%
- 83.7%

Legend: 3, 4, 5
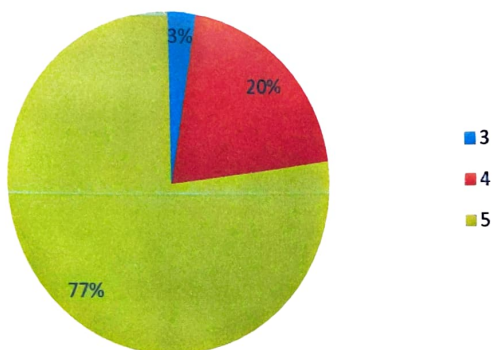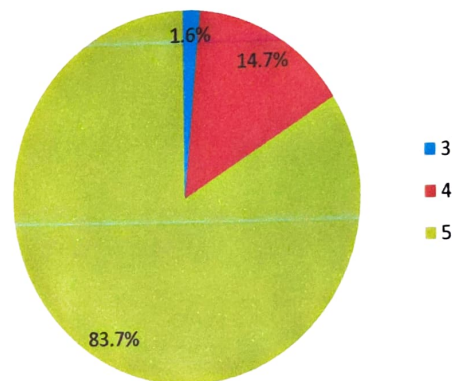
Criterion 3.Laboratory & equpments

- 2%
- 0.4%
- 34.3%
- 63.3%

Legend: 2, 3, 4, 5

Creterion 4 :project guidance

- 3.6%
- 28.8%
- 67.6%

Legend: 3, 4, 5

9
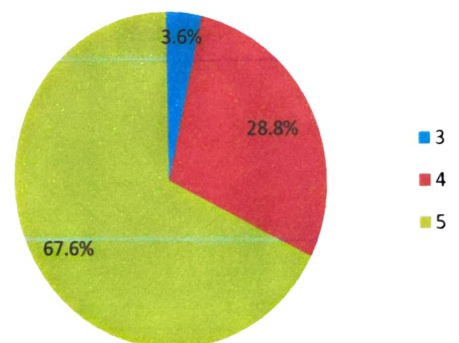
EMPLOYERS FEEDBACK

Feedback analysis of Employers Responses

Frequency per Year- 1

The employer's responses have been collected against the different criteria points mentioned in Table IV. The feedback response form is provided Appendix IV

Table IV: Criteria points and average score (Employers)

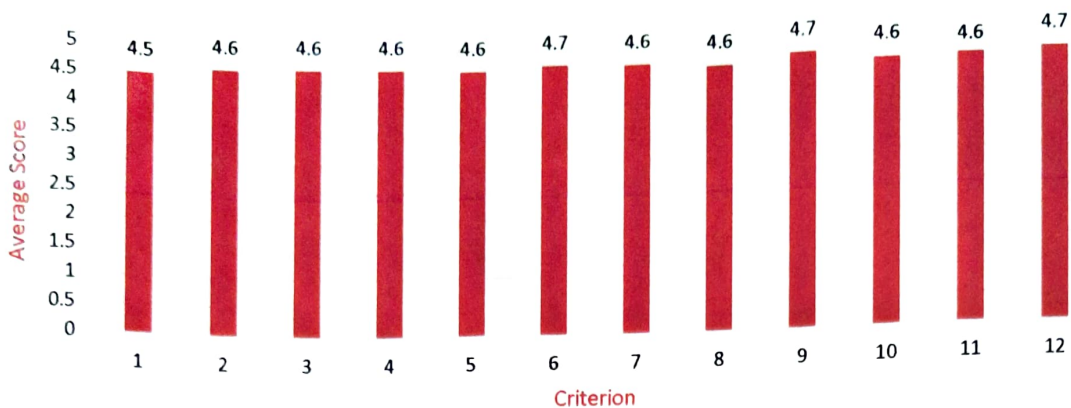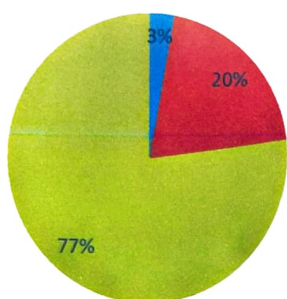| Sl No	Criterion	Average Score (Scale of 5)
	FEEDBACK ON STUDENTS	
1.	Technical Knowledge / Skills	4.5
2.	Communication skills	4.6
3.	Personal interest & Involvement	4.6
4.	Innovativeness & Creativity	4.6
5.	Responsible & Reliable	4.6
6.	Effective team member / leader	4.7
7.	Effectively address work place problems	4.6
8.	Overall contribution to meet organizational goal	4.6
	FEEDBACK ON INSTITUTION	
9.	Course content and outcome	4.7
10.	Training of the students	4.6
11.	Attitude of University Employees	4.6
12.	Hospitality and logistic support	4.7

Criterion (bar chart of Average Score vs Criterion 1–12: 4.5, 4.6, 4.6, 4.6, 4.6, 4.7, 4.6, 4.6, 4.7, 4.6, 4.6, 4.7)

Citerion 1: course content and outcome

3%
20%
77%

- 3
- 4
- 5

Criterion 2.Communication skills

8%
20%
72%

- 3
- 4
- 5
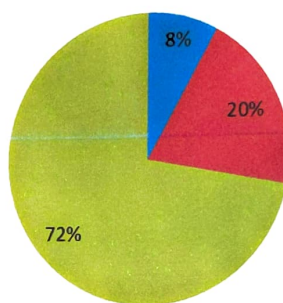
Criterion 3 . Course curriculum

4%
16%
80%

- 3
- 4
- 5
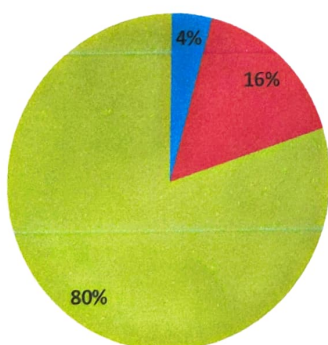
Criterion 4. Training of the students

8%
24%
68%

- 3
- 4
- 5

11
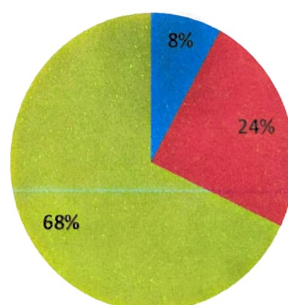
PARENTS FEEDBACK

Feedback analysis of Employers Respondents

Frequency per Year- 1

The parents responses have been collected for different criteria points as mentioned in the table below. The questions asked in this regard are provided as Appendix V.

Table V: Criteria points and average score (Parents)

| Sl No	Criterion	Average Score (Scale of 5)
1	Admission procedure	4.6
2	Curriculum & teaching learning process	4.6
3	Competence and commitment of faculty	4.8
4	Student- mentoring system	4.8
5	Environment and ambience	4.6
6	Academic facilities	4.6
7	Learning resources (Laboratory, Library, Internet etc.)	4.8
8	Health care facilities	4.6
9	Sports, games and other extracurricular facilities	4.7
10	Support services (Hostel, Transport, Canteen, etc.)	4.7
11	Training and placement	4.8
12	Timely publication of results	4.8
13	Grievance redressal	4.6
14	Attitude of the institute employees	4.8
15	Parental pride and respect for the Deemed University	4.9
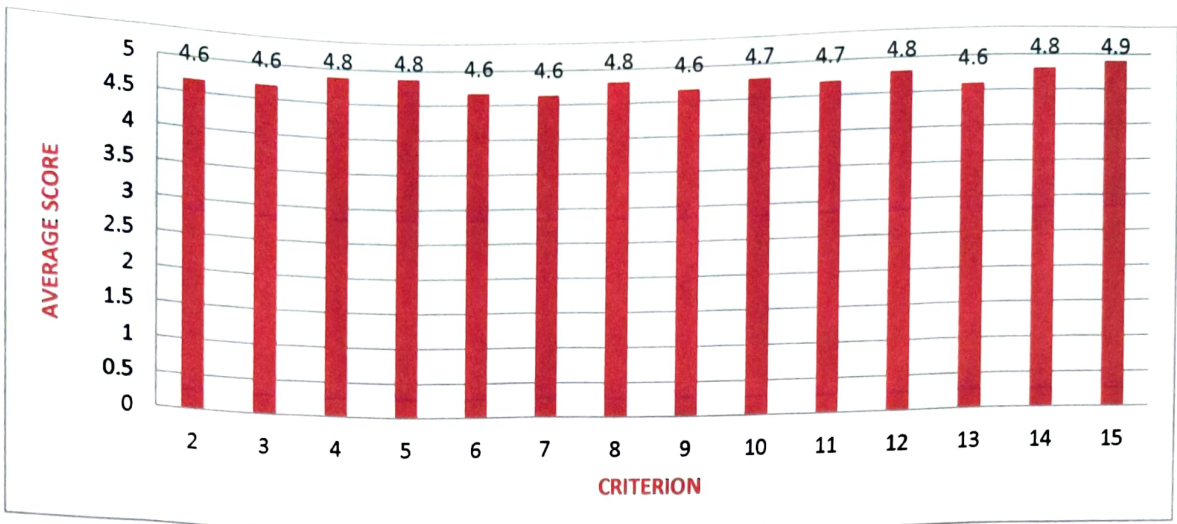
Criterion 1.Curriculum & learning process

- 0.7%
- 30.6%
- 68.7%

Legend: 3, 4, 5
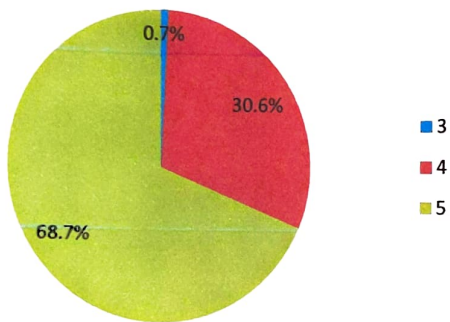
Criterion 2.student mentoring system

- 1%
- 28.1%
- 70.9%

Legend: 3, 4, 5
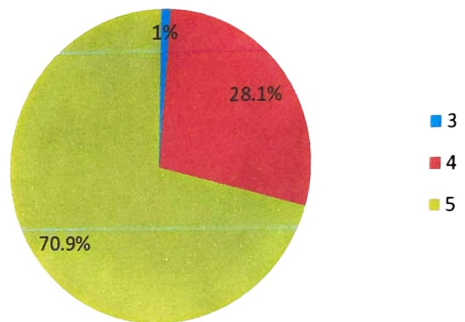
Criterion 3. Academic facilities

- 2.3%
- 5.2%
- 92.5%

Legend: 3, 4, 5
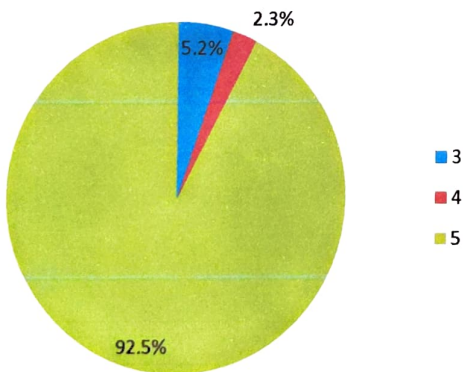
Criterion 4 . learning resources(laboratory,library,internet etc.

- 1.5%
- 30.1%
- 68.4%

Legend: 3, 4, 5

13
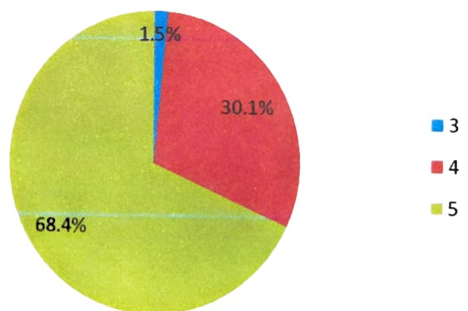
ANALYSIS OF FEEDBACK

- The feedback for the academic session 2020-21 was collected from various stakeholders such as Students, Teachers, Alumni, Employers and Parents.
- On analysis of feedback, it was revealed that the stakeholders expressed their satisfaction on Curriculum, its content and outcome.
- The Students opined that the courses are useful in terms of knowledge, skill and broadening prospective.
- The students also have the opinion to choose a faculty member of their choice from the pool of faculty members assigned for a particular subject.
- Students Exchange Program/Semester Abroad Program for Foreign University on specific discipline during higher semester should be more.
- Flexibility in online elective courses like Coursera.
- More Courses for Industry Electives as open electives/core electives to be designed by industry experts.
- The students also suggested more number of Career Counseling sessions in online mode.
- The Teachers felt that the courses are innovative and periodically updated.
- The teachers suggested special training program for Project application. They also suggested counseling session for them and their family members in view of continuing Pandemic situation.
- The Alumni felt that the courses give an opportunity to learn and innovate.
- The Alumni also suggested online GATE practice tests for Engineering students.
- The employers expressed their satisfaction on Course curriculum and Training of the students.
- The Parents gave highly positive response on the learning resources like Laboratories, Library etc.
- The Parents suggested online training program on Yoga and Spiritualism for mental and physical fitness of students to cope up with Covid situation.
- The stakeholders suggested collaborative quality initiatives with other institutions.

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ACTION TAKEN REPORT

On the basis of the feedback received from various stakeholders, following action were taken

- **Choice of Course faculty:**
  The students have given the option to choose a faculty of their choice in a particular subject from a pool of faculty members. This enables the students to be more comfortable in their approach in teaching learning process.

- **Students Exchange Program/Semester Abroad Program:**
  Special drive has been initiated by Dean, International Students Relations and team to enroll more students for Students Exchange Program/Semester Abroad Program for Foreign University as per MoU on specific discipline during higher semester.

- **Flexibility in online elective courses:**
  University has floated many online courses *i.e.* Coursera and students are enrolling these courses as per their interest during higher semesters.

- **Industry Electives as open electives/core electives:**
  Each School has initiated more Industry Electives as open electives/core electives courses for and these are designed by industry experts. Industry experts are taking the classes to cover the syllabus as per special classes notified by School.

- **Counseling Sessions: Hope in times of Covid:**
  A committee was set up under the chairmanship of Director, Student Counseling for counseling the students, staffs and their fam8ily members during this Covid pandemic with the title "Hope in times of Covid". More than 100 sessions were conducted during this year.

- **Collaborative Quality initiatives:**
  KIIT is mentoring 28 NAAC aspirant institutions to promote quality in Higher Education under UGC Paramarsh scheme.

- **Special Training for Project Proposal Writing:**
  More than 20 Special Training and Counseling sessions were conducted for faculty members for writing project proposals to be submitted to various accrediting agencies.

15

- **Career Counseling Sessions:**
Career Advisory and Augmentation Services (CAAS) of KIIT organized various Technical skill, Soft skill and Personality Development program, Mock interviews, Group Discussions and Entrepreneurship development Programs for the career growth of the students. More than 1000 such sessions were conducted during this year.

- **Conduct of Webinars:**
Different schools of KIIT conducted webinars on their Domain areas and Cutting edge technologies and Faculty Development Programs for the academic improvement of faculty members and students.

05/07/21

Director IQAC
KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY
DEEMED TO BE UNIVERSITY
BHUBANESWAR